-ATTORNEY DOCKET NO. 2002-0024-01

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### METHOD AND DEVICE FOR VIBRATION CONTROL

l hereby state that l the claims, as amen	s amended on	od the co	above. I acknov	ove-identified sp wledge the duty	pecification, including to disclose all
Foreign Application(s) hereby claim foreign pri nventor(s) certificate list	and/or Claim of Foreign Priority ority benefits under Title 35, United ed below and have also identified be oplication on which priority is claimed	States Code	Section 119 of an	y foreign application patent or inventor(s	(s) for patent or ) certificate having a filir
COUNTRY	APPLICATION NUMBER	D/	TE FILED	PRIORITY CLAIM	IED UNDER 35 U.S.C.
N/A					
Provisional Application hereby claim the benefi	n it under Title 35, United States Code  APPLICATION SERIAL N		ī	States provisional ap	oplication(s) listed below
	60/278,810		March 26, 2001		
			<del></del>		

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)
09/803,320	March 9, 2001	Allowed
09/491,969	January 27, 2000	Pending

### POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William Cray, Reg. No. 27,627

11/95 (DECL-POA.PO1)

ATTORNEY DOCKET NO. 2002-0024-01

Send Correspondence to: Legal Department – MS/4-2C CYMER, INC. 17075 Thornmint Court San Diego, California 92127-1712 Direct Telephone Calls to: WILLIAM CRAY (858) 385-7185

Direct Facsimile Transmissions to: WILLIAM CRAY (858) 385-6025

Full Name of Inventor (please print):	Baruch Pletner	Citizensnip:	<u>israei</u>
Residence/Post Office Address:	87 Brandeis Road		
	Newton, MA 02459		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Mordechay Karpel	Citizenship:	<u>Israel</u>
Residence/Post Office Address:			
Inventor's Signature:	Kokhav Yair, Israel 44864	Date: <u></u>	nch 12,2004
Full Name of Inventor (please print):	Huckleberry B. Dorn	Citizenship:	United States
Residence/Post Office Address:	14 Anderson Street, Apt. 3		
Inventor's Signature:	Boston, Massachusetts 02114		
Full Name of Inventor (please print):	Richard Perkins	Citizenship:	United States
Residence/Post Office Address:	11257 Linares Street San Diego, California 92129		
Inventor's Signature:		Date:	
Pull Name of languages (along a substitution)	Languard Lublin	Citizanahin	United States
Full Name of Inventor (please print):		Citizensnip:	United States
Residence/Post Office Address:	46 MacArthur Road Concord, MA 01742		
Inventor's Signature:		Date:	

-ATTORNEY DOCKET NO. 2002-0024-01

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint

inventor (if plural name sought on the invention	es are listed below) on entitled:	of the sub	ject ma	tter which is cla	aimed and for whic	h a patent is	
	METHOD AN	D DEVICE	E FOR \	/IBRATION CO	ONTROL		
the specification of whe (X) was filed and was a linereby state that I had the claims, as amendinformation which is much the claim of the application of the applicat	on March 22, 2002 amended on ave reviewed and used by any amendmentaterial to patentability advor Claim of Foreign Fity benefits under Title 35 below and have also ide	as US App nderstood ent(s) refei lity as defii Priority 5, United Sta	plication if a the con rred to a ned in 3	Serial No. 10/ applicable). tents of the ab above. I acknow 7 CFR 1.56.	104,443  ove-identified spec wledge the duty to	disclose all	
COUNTRY	APPLICATION NUM	MBER	DA	TE FILED	PRIORITY CLAIMED 119(e)	UNDER 35 U.S.C.	
N/A							
I hereby claim the benefit t	APPLICATION S 60/278,810				States provisional applic	auon(s) iisted below:	
U.S. Priority Claim I hereby claim the benefit the subject matter of each the first paragraph of Title 37, Code of Federal Reguinternational filing date of	of the claims of this appl 35, United States Code lations, Section 1.56(a) v	lication is not Section 112.	t disclosed Lacknow	d in the prior Unite ledge the duty to d	d States application in t lisclose material informa	ne manner provided by ation as defined in Title	
APPLICATION SER	APPLICATION SERIAL NUMBER		FILING DATE		-	STATUS (patented/pending/abandoned)	
09/803,	320		March 9			llowed	
09/491,	969	•	January 2	7, 2000	P(	ending	
POWER OF ATTORNEY As a named inventor, I he business in the Patent and	reby appoint the followin d Trademark Office conn	ected therew	vith:	gent(s) listed below	v to prosecute this appli	cation and transact all	

11/95 (DECL-POA.PO1)

ATTORNEY DOCKET NO. 2002-0024-01

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Full Name of Inventor (please print):	Baruch Pletner	Citizenship:	Israel USH
Residence/Post Office Address:	87 Brandeis Road		
	Newton, MA 02459		
Inventor's Signature: <u>B.P.C</u>	tr-	Date: <u>2</u> -	23-2004
Full Name of Inventor (please print):	Mordechay Karpel	Citizenship:	Israel
Residence/Post Office Address:	2 Dafna Street Kokhav Yair, Israel 44864		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Huckleherry B. Dorn	Citizenshin:	United States
		•p.	
Residence/Post Office Address:	Boston, Massachusetts 02114	•	
Inventor's Signature:	<del></del>		
	- -		
Full Name of Inventor (please print):	Richard Perkins	Citizenship:	United States
Residence/Post Office Address:	11257 Linares Street San Diego, California 92129		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Leonard Lublin	Citizenship:	United States
Residence/Post Office Address:	46 MacArthur Road		
	Concord, MA 01742		
Inventorie Signature:		Date:	

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(X) was filed and was I hereby state that I h the claims, as amend	nich is attached hereto unles on March 22, 2002 as US A amended on ave reviewed and understoo led by any amendment(s) re material to patentability as d	Applicatioif od the conferred to	n Serial No. 10/ applicable). ntents of the ab above. I acknov	104,443 ove-identified spe	ecification, including o disclose all
I hereby claim foreign prior inventor(s) certificate listed	nd/or Claim of Foreign Priority rity benefits under Title 35, United 3 below and have also identified be blication on which priority is claimed APPLICATION NUMBER	elow any ford	e Section 119 of any eign application for	patent or inventor(s) o	) for patent or certificate having a filing
N/A	7.1 - 1.07.11	DATETICES		119(e)	
Provisional Application I hereby claim the benefit	under Title 35, United States Code		т —		lication(s) listed below:
	60/278,810	UMBER	March 26, 2001	NG DATE	
the subject matter of each	under Title 35, United States Code of the claims of this application is 35, United States Code Section 1 lations, Section 1.56(a) which occ	not disclose	ed in the prior Unite Medae the duty to d	d States application if lisclose material infor	n the manner provided by mation as defined in Title

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)
09/803,320	March 9, 2001	Allowed
09/491,969	January 27, 2000	Pending

#### POWER OF ATTORNEY

international filing date of this application:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

William Cray, Reg. No. 27,627

11/95 (DECL-POA.PO1)

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Full Name of Inventor (please print):	Baruch Pletner	Citizenship:	<u>Israel</u>
Residence/Post Office Address:	87 Brandeis Road		
	Newton, MA 02459		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Mordechay Karpel	Citizenship:	Israel
Residence/Post Office Address:	2 Dafna Street Kokhav Yair, Israel 44864		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Huckleberry B. Dorn	Citizenship:	United States
Residence/Post Office Address:	14 Anderson Street, Apt. 3		
	Boston, Massachusetts 02114		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Richard Perkins	Citizenship:	<u>United States</u>
Residence/Post Office Address:	11257 Linares Street San Diego, California 92129		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Leonard Lublin	Citizenship:	United States
Residence/Post Office Address:	46 MacArthur Road		
Inventor's Signature:	Concord, MA 01742	Date: 2	2/21/04
inventor's Signature: A 444/2/ / /	<b>/</b> \∽	Date	

-ATTORNEY DOCKET NO. 2002-0024-01

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#### METHOD AND DEVICE FOR VIBRATION CONTROL

(X) was filed o and was ar I hereby state that I have the claims, as amended information which is made I hereby claim foreign priority inventor(s) certificate listed by	ch is attached hereto unless in March 22, 2002 as US Amended on we reviewed and understood by any amendment(s) relaterial to patentability as diversity of the property of the patental strategy of	Applicatio if od the conferred to efined in States Code	n Serial No. 10/ applicable). ntents of the ab above. I acknow 37 CFR 1.56.	104,443 ove-identified spec wledge the duty to y foreign application(s)	disclose all for patent or
COUNTRY	APPLICATION NUMBER	DATE FILED		PRIORITY CLAIMED UNDER 35 U.S.C. 119(e)	
N/A					
Provisional Application I hereby claim the benefit un	APPLICATION SERIAL N 60/278,810		I .	States provisional applic	cation(s) listed below:

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS (patented/pending/abandoned)
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09/491,969	January 27, 2000	Pending

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William Cray, Reg. No. 27,627

11/95 (DECL-POA.PO1)

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Direct Facsimile Transmissions to: WILLIAM CRAY (858) 385-6025

Full Name of Inventor (please print):	Baruch Pletner	Citizenship:	Israel
Residence/Post Office Address:	87 Brandeis Road		
	Newton, MA 02459		
Inventor's Signature:		Date:	
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	Kokhav Yair, Israel 44864		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):  Residence/Post Office Address:  Inventor's Signature:	14 Anderson Street, Apt. 3	•	United States
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Residence/Post Office Address:	46 MacArthur Road Concord, MA 01742	_	
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(X) was file and was I hereby state that I the claims, as amen information which is Foreign Application(s) I hereby claim foreign pri inventor(s) certificate liste	ded by any amendment(s) reformaterial to patentability as de and/or Claim of Foreign Priority only benefits under Title 35. United St	pplication Serial No if applicable). d the contents of the erred to above. I ack fined in 37 CFR 1.56 tates Code Section 119 of ow any foreign application	10/104,443  above-identified specification, including nowledge the duty to disclose all
COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119(e)
N/A			

**Provisional Application** 

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE
60/278,810	March 26, 2001
•	

U.S. Priority Claim

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Full Name of Inventor (please print):	Baruch Pletner	Citizenship:	Israel
Residence/Post Office Address:	87 Brandeis Road	·	•
	Newton, MA 02459		
Inventor's Signature:		Date:	<u> </u>
Full Name of Inventor (please print):	Mordechay Karpel	Citizenship:	Israel
Residence/Post Office Address:	Kokhav Yair, Israel 44864		
Inventor's Signature:		Date:	
Full Name of Inventor (please print):	Huckleherry B. Dorn	Citizenship:	United States
	14 Anderson Street, Apt. 3		
Residence/Post Office Address:	Boston, Massachusetts 02114		
Inventor's Signature:		Date:	
•			·
Full Name of Inventor (please print):	Richard Perkins	Citizenship:	United States
Residence/Post Office Address:	11257 Linares Street San Diego, California 92129	Date:	Ruh Dis
Inventor's Signature:		Date: <del> </del>	<u> </u>
Full Name of Inventor (please print):	Leonard Lublin	Citizenship:	United States
Residence/Post Office Address:	46 MacArthur Road		
	Concord, MA 01742	Deter	
Inventor's Signature:		Date:	



AUGUST 06, 2002

**PTAS** 

Chief Information Officer Washington, DC 20231 www.uspto.gov

CYMER, INC. JOHN R. ROSS 16750 VIA DEL CAMPO COURT LEGAL DEPT. MS/1-2A SAN DIEGO, CALIFORNIA 92127-1712



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2002

REEL/FRAME: 012956/0073

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PLETNER, BARUCH

DOC DATE: 05/22/2002

ASSIGNOR:

KARPEL, MORDECHAY

DOC DATE: 05/11/2002

ASSIGNOR:

DORN, HUCKLEBERRY B.

DOC DATE: 05/20/2002

ASSIGNOR:

PERKINS, RICHARD

DOC DATE: 05/20/2002

ASSIGNOR:

LUBLIN, LEONARD

DOC DATE: 05/22/2002

ASSIGNEE:

CYMER, INC.

16750 VIA DEL CAMPO COURT

LEGAL DEPT. MS/1-2A

SAN DIEGO, CALIFORNIA 92127-1712

012956/0073 PAGE 2

SERIAL NUMBER: 10104443

PATENT NUMBER:

FILING DATE: 03/22/2002

ISSUE DATE:

THERESA FREDERICK, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO-1619A. Expires 06/30/99 OMB 0651-0027 06-10-2002

U.S. Department of Commerce Patent and Trademark Office PATENT



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PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) Conveyance Type Submission Type ✓ Assignment **Security Agreement** New Resubmission (Non-Recordation) License **Change of Name** Document ID# Correction of PTO Error Merger Other Frame # Reel# U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Frame # Reel # Departmental File **Secret File** Mark if additional names of conveying parties attached Execution Date Conveying Party(ies) Month Day Name (line 1) Baruch Pletner 05 22 02 Name (line 2) Execution Date Second Party Month Day Year Name (line 1) Mordechay Karpel 05 11 02 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Cymer, Inc. is an assignment and the receiving party is not domiciled in the United Name (line 2) Legal Dept. MS/1-2A States, an appointment of a domestic representative is attached. Address (line 1) 16750 Via Del Campo Court (Designation must be a separate document from Assianment.) Address (line 2) 92127-1712 Address (line 3) San Diego California State/Country Zip Code City **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY 10104443 (0/2002 LINUELLER 00000048 034060 01/ FC=581 40.00 CH

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D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB
—— Mail documents to be recorded with required cover sheet(s) information to:

FORM PTO-1619C Expires 08/30/99 OMB 0651-0027

# RECORDATION FORM COVER S ET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

		7		
Conveying I	'arty(les) Conveying Parties	Mark ir additional names	of conveying parties atta	Execution Date
	Huckleberry B. Dorn			Month Day Year 05/20/2002
Name (line 2)				
,				Execution Date Month Day Year
Name (line 1)	Richard Perkins			05/20/2002
Name (line 2)				Execution Date Month Day Year
Name (line 1)	Leonard Lublin			05/22/2002
Name (line 2)				
Receiving P	arty	Mark if ad	ditional names of receiving	ng parties attached
Name (line 1)				If document to be recorded is an assignment and the
Name (line 2)				receiving party is not domiciled in the United
				States, an appointment of a domestic representative is attached.
Address (line 1)				(Designation must be a separate document from Assignment.)
Address (line 2)				·
Address (line 3)		00	7:0-4:	]
	City	State/Country	Zip Code	If document to be recorded
Name (line 1)				is an assignment and the receiving party is not
Name (line 2)				domiciled in the United States, an appointment of a domestic
Address (line 1)				representative is attached. (Designation must be a separate document from
Address (line 2)				Assignment.)
Address (line 3)				¬ ·
Address (iiie s)	City	State/Country	Zip Code	<b>」</b> ·
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FORM	PTO-1619E
Expires 06	/30/99
<b>OMB 0651</b>	-0027

**U.S. Department of Commerce** 

Expires 06/30/99 OMB 0651-0027	_	Page 2	Patent and Trademark Office PATENT
Corresponden	t Name and Address	Area Code and Telephone Nun	nber (858) 385-7185
Name Joh	nn R. Ross, Reg. No. 30,530		
Address (line 1) Cy	mer, Inc.		
Address (line 2) Leg	gal Dept. MS/1-2A		
Address (line 3) 167	750 Via Del Campo Court		
Address (line 4) Sar	n Diego, California 92127-1712		
•	nter the total number of page ncluding any attachments.	s of the attached conveyance d	ocument # 1
Application Nu	umber(s) or Patent Numl	per(s)	Mark if additional numbers attached
		tent Number (DO NOT ENTER BOTH n	
10104443	nt Application Number(s)		Patent Number(s)
If this document is bowas	eing filed together with a new Paten	t Application, enter the date the patent	application Month Day Year
Patent Cooper	ration Treaty (PCT)	PCT PCT	PCT
	PCT application number		
•	a U.S. Application Number ot been assigned.	PCT PCT	PCT
Number of Pro	operties Enter the total n	umber of properties involved.	# 1
Fee Amount	Fee Amount f	or Properties Listed (37 CFR 3.	41): \$ 40.00
Method of Deposit A	Payment: Enclos	ed Deposit Account	
	yment by deposit account or if addi	tional fees can be charged to the eposit Account Number:	# 03-4060
		uthorization to charge additional fo	" L
Statement and	d Signature	<u> </u>	
	copy is a true copy of the or	ef, the foregoing information is iginal document. Charges to d	true and correct and any eposit account are authorized, as
	John R. Ross	An W	May 24, 2002
Name o	of Person Signing	Signature	Date

When recorded please return to:

CYMER, Inc. Attr: Legal Department MS/1-2A 16750 Via Del Campo Court San Diego, California 92127

#### PATENT APPLICATION

Attorney Docket No. 2002-0024-1

#### ASSIGNMENT OF PATENT APPLICATION

We, Baruch Pletner, Mordechay Karpel, Huckleberry B. Dorn, Richard Perkins and Leonard Lublin, the undersigned, have agreed and hereby agree to assign to CYMER, Inc., a Nevada corporation having its principal place of business in San Diego. California (hereinafter CYMER), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to CYMER, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our invention for

#### METHOD AND DEVICE FOR VIBRATION CONTROL

as described and/or claimed in our application for Letters Patent of the United States of America, filed March 22, 2002, as USSN 10/104,443, and as described and/or claimed in any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or re-examinations, or extensions of said Letters Patent.

We additionally authorize CYMER to file applications in our names for Letters Patent in any country, to be held and enjoyed by CYMER, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made;

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to CYMER, its successors, assigns, nominees or legal representatives, and we agree to communicate to CYMER, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CYMER, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by us in lending such cooperation and assistance are paid by CYMER;

AND we hereby authorize and request the commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to CYMER, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

Baruch Pletner Richard Perkins Leonard Lublin